

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

U.S. PATENT APPLICATION NO. .... 10/506,856  
FILING DATE..... 2 September 2004  
INVENTOR ..... John D. Bambara  
ASSIGNEE ..... Collect Plastics LLC  
ART UNIT ..... 1771  
EXAMINER ..... Victor S. Chang  
ATTORNEY'S DOCKET NO. .... 41794.0074  
TITLE ..... "Polypropylene Foam and Foam Core Structure"

### INFORMATION DISCLOSURE STATEMENT

To: Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

From: Scott C. Nielson  
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P.O. Box 11583  
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Submitted herewith on Form PTO/SB/08 is a listing of documents in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56. A copy of each non-U.S. patent document and each non-patent document is being submitted to comply with the provisions of 37 CFR §§ 1.97 and 1.98. All listed documents are requested to be considered by the Examiner and made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

The submission of any document or statement herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicant does not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

**TIMING**

The listed documents are being submitted in compliance with 37 CFR §1.97(c), before the mailing date of any of a final action under § 1.113, a notice of allowance under § 1.322, or an action that otherwise closes prosecution of the application.

**RELEVANCE OF EACH DOCUMENT**

An English abstract for EP 0 700 939 states: "Expanded polypropylene (EPP) particles with a density of 10-150 d/l and dia. of 2-10mm are based on a gel-free and partly crosslinked polymer (I) of more than 50 wt.% propylene and the polymer chains are linked by polyfunctional organic cpds. (II). Also claimed is a method for making the EPP particles."

An English abstract for EP 0 601 455 states: "A polypropylene molding composition containing from 99.5 to 99.999% by weight of homopolymer or copolymer of propylene having a MFI 230/2.16 of from 2.0 to 25 g/10 min and from 0.01 to 0.5% by weight of a fluorine-containing thermoplastic polymer having a fluorine content of at least 50% and a melting point of below 250°C makes it possible to produce high-quality polypropylene films by the calendering method. The addition of fluoropolymers is not only more effective with respect to the release effect, but also gives significantly less deposits and causes an improved take-off behavior compared with the use of conventional lubricants."

An English abstract for EP 0 470 380 states: "A polypropylene molding composition which essentially comprises a syndiotactic propylene polymer and an ethylene/propylene copolymer rubber having a glass transition temperature of below -30 DEG C is distinguished by low hardness, rubber-elastic behavior and high impact strength."

**FEES**

Applicants will pay the required fee as part of the electronic filing process for submission of this information disclosure statement pursuant to 37 C.F.R. § 1.97(c).

The Commissioner is hereby authorized to charge payment of any applicable fees or credit any overpayment to Deposit Account No. 08-2623.

Respectfully submitted,

Date 10 August 2007

By /Scott C. Nielson/

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/506,856
				Filing Date	2 September 2004
				First Named Inventor	John D. Bambara
				Art Unit	1771
				Examiner Name	Victor S. Chang
Sheet	1	of	2	Attorney Docket Number	41794.0074

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	A1	US-6,350,828 B1	02-26-2002	Takaoka et al.	
	A2	US-6,326,409 B1	12-04-2001	Mihayashi et al.	
	A3	US-6,306,960 B1	10-23-2001	Agarwal et al.	
	A4	US-6,251,319 B1	06-26-2001	Tusim et al.	
	A5	US-6,174,930 B1	01-16-2001	Agarwal et al.	
	A6	US-6,166,096	12-26-2000	Ichimura et al.	
	A7	US-6,103,153	08-15-2000	Park et al.	
	A8	US-6,096,417	08-01-2000	Shioya et al.	
	A9	US-6,077,878	06-20-2000	Okura et al.	
	A10	US-6,077,875	06-20-2000	Sasaki et al.	
	A11	US-6,051,617	04-18-2000	Sasaki et al.	
	A12	US-5,929,129	07-27-1999	Feichtinger	
	A13	US-5,928,776	07-27-1999	Shioya et al.	
	A14	US-5,902,858	05-11-1999	Okura et al.	
	A15	US-5,866,053	02-02-1999	Park et al.	
	A16	US-5,747,549	05-05-1998	Tsurugai et al.	
	A17	US-5,616,627	04-01-1997	Sakurai et al.	
	A18	US-5,567,742	10-22-1996	Park	
	A19	US-5,545,351	08-13-1996	Riggs et al.	
	A20	US-5,527,573	06-18-1996	Park et al.	
	A21	US-5,348,795	09-20-1994	Park	
	A22	US-5,334,356	08-02-1994	Baldwin et al.	
	A23	US-5,304,579	04-19-1994	Hara et al.	
	A24	US-5,286,428	02-15-1994	Hayashi et al.	
	A25	US-5,281,376	01-25-1994	Hara et al.	
	A26	US-5,252,269	10-12-1993	Hara et al.	
	A27	US-5,180,751	01-19-1993	Park et al.	
	A28	US-5,149,579	09-22-1992	Park et al.	
	A29	US-5,116,881	05-26-1992	Park et al.	
	A30	US-5,082,869	01-21-1992	Braga et al.	
	A31	US-5,073,444	12-17-1991	Shanelec	
	A32	US-4,940,736	07-10-1990	Altepping et al.	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	C1	EP 0 916 465 B1	12-12-2001	Shioya et al.		
	C2	EP 0 841 155 B1	03-14-2001	Shioya et al.		
	C3	EP 0 700 939 B1	12-03-1997	Marczinke et al.		
	C4	EP 0 625 168 B1	03-03-1999	Park		
	C5	EP 0 601 455 B1	09-11-1996	Piesold		
	C6	EP 0 481 306 B1	09-13-1995	Hara et al.		
	C7	EP 0 480 456 B1	08-14-1996	Hara et al.		
	C8	EP 0 470 380 B1	10-04-2000	Winter et al.		
	C9	EP 0 450 342 B1	10-11-1995	Braga et al.		
	C10	EP 0 337 584 B1	08-17-1994	Kuwabara		
	C11	EP 0 291 764 B1	09-11-1991	Nojiri et al.		
	C12	EP 0 263 989 B1	03-11-1992	Maeda		
	C13	EP 0 229 461 B1	07-08-1992	Fujii et al.		
	C14	EP 0 178 283 B1	12-18-1991	Bertrand		
	C15	EP 0 178 282 B1	12-27-1991	Bertrand		
	C16	WO 91/13933	09-19-1991	Gaylord et al.		

Examiner Signature		Date Considered	
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